

Title (en)
Control method for a double input clutch transmission

Title (de)
Verfahren zur Steuerung eines Doppelkupplungsgetriebes

Title (fr)
Méthode de commande d'une boîte de vitesses à double embrayage

Publication
EP 1122116 B1 20111026 (DE)

Application
EP 01100195 A 20010118

Priority
DE 10004530 A 20000202

Abstract (en)
[origin: EP1122116A2] A release force (F) bears on the synchroniser sleeve (6a) which is in at least partial engagement with the first gear wheel pair (1). During the gear change from first gear to second gear the first friction clutch (K1) remains closed and the second friction clutch is closed by an actuator. The torque is transferred from the first drive train to the second drive train and with freedom of torque on the first drive train the first drive train is interrupted through the automatic disengagement of the synchroniser sleeve. The first and second friction clutches are controlled through the actuator. The synchroniser sleeves can be engaged by means of operating devices and the actuator and operating devices can be controlled by a control device.

IPC 8 full level
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B60W 10/02 (2013.01); **B60W 10/10** (2013.01); **B60W 30/1819** (2013.01); **F16H 3/006** (2013.01); **F16H 61/688** (2013.01); **F16H 63/46** (2013.01); **F16H 2306/46** (2013.01); **F16H 2306/52** (2013.01)

Cited by
DE102012003582A1; FR2896564A1; EP1580454A1; KR101042433B1; EP1445516A3; CN101858408A; EP1564446A3; EP1460305A1; US2022144069A1; EP1887261A1; EP2196706A3; EP3360742A1; EP1826442A1; EP2224147A3; US7912613B2; US7367924B2; US7497804B2; US7881847B2; EP2196706A2; WO2004033246A3; US7665567B2; US7367923B2; US7823472B2; US8001864B2; US8403093B2; US7510503B2; US7513849B2

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